

Title (en)  
METHODS AND COMPOSITIONS FOR THE DETERMINATION OF PROTEIN FUNCTION AND IDENTIFICATION OF MODULATORS THEREOF

Title (de)  
METHODEN UND ZUSAMMENSETZUNGEN ZUR BESTIMMUNG VON PROTEINFUNKTIONEN UND ZUR IDENTIFIKATION VON DEREN MODULATOREN

Title (fr)  
METHODES ET COMPOSITIONS POUR DETERMINER UNE FONCTION PROTEIQUE ET IDENTIFIER LES MODULATEURS DE CELLE-CI

Publication  
**EP 1100969 A1 20010523 (EN)**

Application  
**EP 99937425 A 19990723**

Priority  
• US 9916749 W 19990723  
• US 9385598 P 19980723

Abstract (en)  
[origin: WO0005417A1] The present invention provides libraries of tag dominant-negative elements (TDNE) and methods enabling the identification of specific TDNEs that act as dominant-negative elements on a target protein of interest. The present invention further relates to the use of such TDNEs and dominant-negative elements for the identification of protein-protein interactions, and the determination of a target protein's biological activity and function. Furthermore, the present invention relates to the development of means, including small molecule compounds, for disrupting the target protein's biological function and activity.

IPC 1-7  
**C12Q 1/68**

IPC 8 full level  
**C07K 7/00** (2006.01); **C12N 15/09** (2006.01); **C07K 14/47** (2006.01); **C07K 19/00** (2006.01); **C12N 15/10** (2006.01); **C12Q 1/02** (2006.01); **C12Q 1/68** (2006.01); **C12Q 1/6897** (2018.01); **C40B 40/02** (2006.01)

CPC (source: EP US)  
**C12N 15/1037** (2013.01 - EP US); **C12N 15/1055** (2013.01 - EP US); **C12Q 1/6897** (2013.01 - EP US); **C40B 40/02** (2013.01 - EP US)

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**WO 0005417 A1 20000203**; AU 5226499 A 20000214; AU 752792 B2 20021003; CA 2335392 A1 20000203; CZ 2001273 A3 20010815; EP 1100969 A1 20010523; HU P0102850 A2 20011228; IL 140969 A0 20020210; JP 2002523016 A 20020730; US 2003003449 A1 20030102

DOCDB simple family (application)  
**US 9916749 W 19990723**; AU 5226499 A 19990723; CA 2335392 A 19990723; CZ 2001273 A 19990723; EP 99937425 A 19990723; HU P0102850 A 19990723; IL 14096999 A 19990723; JP 2000561363 A 19990723; US 35959599 A 19990723